

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q89240

Motoaki KAMACHI, et al.

Appln. No.: 10/542,733

Group Art Unit: 1657

Confirmation No.: 5404

Examiner: Herbert J. Lilling

Filed: July 20, 2005

For: PROCESS FOR ACYL-TRANSFER ENZYME REACTIONS WITH ACYL-COENZYME A

**RESPONSE TO RESTRICTION AND ELECTION OF SPECIES REQUIREMENTS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This responds to the Restriction and Election of Species Requirement, dated August 1, 2007 (timely filed by Tuesday, September 4, 2007 (September 1, 2007 being a Saturday, and Monday, September 3, 2007 being a Federal Holiday within the District of Columbia)).

In response to the Restriction Requirement, Applicants elect Group I (claims 1-20) for examination, without traverse.

In addition, the Examiner has required the Applicants to elect a single disclosed species for prosecution on the merits.

In response, Applicants elect the following species, also without traverse.

Species A: macromolecular polymerization enzyme and polyhydroxy alkanoate synthase.

Species B: reproduction of acyl coenzyme A.

Species C: aromatic thiol and thiophenol.

Species D: hydroxy alkanoate and poly (hydroxy alkanoate). Examples of Species D are disclosed, for instance, at page 16, line 25 to page 17, line 3, at page 17, line 25 to page 18, line 4, and at page 23, line 13 to page 24, line 25. See also Examples 7 and 8.

The claims that read on the elected species are 1-5, 11-20, and 24-27.

If the elected species is found to be allowable, then Applicants respectfully request examination of the generic claims. Upon allowance of a generic claim, Applicants request consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim. Applicants believe that at least claim 1 is generic.

Applicant reserves the right to file a Divisional Application directed to non-elected subject matter.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,  
/Tu A. Phan/

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WASHINGTON OFFICE

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CUSTOMER NUMBER

Date: September 4, 2007